

Appl. No. 09/488,973

REMARKS

Claims 10-17 and 19-37 remain pending in the application.

The text of the application is amended to correct a recently discovered minor typographical error.

Respectfully submitted,

Dated: 2/17/2003

By: 

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Application Serial No.09/488,973
Filing DateJanuary 20, 2000
Inventor..... Chris Parfeniuk et al.
Assignee.....Honeywell International Inc.
Group Art Unit.....2823
Examiner D. Collins
Attorney's Docket No.30-5016-(4015)
Title: Methods of Bonding Physical Vapor Deposition Target Materials to Backing Plate
Materials

**VERSION WITH MARKINGS TO SHOW CHANGES MADE ACCOMPANYING
supplemental RESPONSE TO APRIL 2, 2002 OFFICE ACTION**

In the Specification

The replacement specification paragraphs incorporate the following amendments.

Underlines indicate insertions and ~~strikeouts~~ indicate deletions.

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The paragraph beginning on line 21 of page 9 is amended as follows:

An exemplary thermal treatment procedure for treating a target and backing plate which comprise aluminum is as follows. Initially, an assembly comprising a target joined against a backing plate is heated to a temperature of from about 280°C to about 400°C (preferably from about 300°C to about 350°C, and more preferably from about 300°C to about 344°C) and maintained at such temperature for a time of from 15 to 30 minutes. The assembly is then transferred to a forge which is also maintained at a temperature of from about 280°C to about 400°C. The forge is utilized to compress target 50 and backing plate 60 together to a ~~temperature~~ pressure of from about 10,000 psi to about 16,000 psi. After compressing the target and backing plate, the assembly is transferred back to the furnace

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having a temperature of from about 280°C to about 400°C, and maintained at such temperature for an additional time of from about 10 minutes to about 30 minutes.

In the Claims

No changes are made to the claims.